

2/5/2023

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salgenx-flow-battery



Global Energy LLC

Salgenx S3000 3MW Salt Water Flow Battery

Structured Data

This webpage QR code

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Salgenx S3000 3MW Salt Water Flow Battery Equivalent to 3 x Capstone C1000 Turbines

PDF Version of the webpage (first pages)

Salt Water Battery CFB State of the Art Report

Report from November 19th, 2022 Includes:

Executive Summary. Review of current literature. Electrode design. Flow design. Basic demo cart overview. Market summary (basic). Electrolytes. Costs and measured power density. Provided as .pdf

Note: This is confidential and copyright protected and requires a signed NDA.

Purchase price deductible if License purchased within 6 months of order.

Updated 26 December 2022.

2/5/2023

License to Manufacture and Sell

Licensing is now available for the saltwater battery technology. This system has two electrolyte tanks, one of which is salt water (brine). It does not have, nor use a membrane.

This license and guidance provided, allows you to de-risk the deployment as you are the first into the commercial marketplace. We are your subject matter experts for saltwater flow batteries. We work together with your team to enhance your core for your customer needs.

Salgenx S3000 3 MWhr Completed Battery Pack System 48V

3,000 kW Completed Battery System.
48V (other voltages and configurations available)

Salgenx S3000 (3,000 kW) Commercial Flow Battery:
Tax Credit $\$35 \times 3,000 \text{ kW} = \$105,000$ per unit sold

Optional: Charge controller and inverter

Includes:
Tank Containers with Command and Control Container.
-or-
Over the road tankers and Command and Control Van.

You supply water, salt, off-the-shelf counter electrolyte.

Current build time from authorized licensed manufacturer: 6-12 months.

Includes Technology Report (1).

Salgenx S6000 6 MWhr Completed Battery Pack System 48V

6,000 kW Completed Battery System .
48V (other voltages and configurations available)

Salgenx S6000 (6,000 kW) Commercial Flow Battery:
Tax Credit $\$35 \times 6,000 \text{ kW} = \$210,000$ per unit sold

Utility Scale Flow Battery Bank:
 $\$35 \times 6,000 \text{ kW} \times 100 = \$21,000,000$

Optional: Charge controller and inverter

Includes:
Tank Containers with Command and Control Container.
-or-
Over the road tankers and Command and Control Van.

You supply water, salt, off-the-shelf counter electrolyte.

Current build time from authorized licensed manufacturer: 6-12 months.

Includes Technology Report (1).

Salgenx S12MW 12 MWhr Completed Battery Pack System 48V

12,000 kW Completed Battery System .
48V (other voltages and configurations available)

Salgenx S12MW Commercial Flow Battery:
Tax Credit $\$35 \times 12,000 \text{ kW} = \$420,000$ per unit sold

Optional: Charge controller and inverter

Includes:

Tank Containers with Command and Control Container.

-or-

Over the road tankers and Command and Control Van.

You supply water, salt, off-the-shelf counter electrolyte.

Current build time from authorized licensed manufacturer: 6-12 months.

Includes Technology Report (1).

Salgenx S18MW 18 MWhr Completed Battery Pack System 48V

18,000 kW Completed Battery System .
48V (other voltages and configurations available)

Salgenx S18MW Commercial Flow Battery:
Tax Credit $\$35 \times 18,000 \text{ kW} = \$630,000$ per unit sold

Optional: Charge controller and inverter

Includes:
Tank Containers with Command and Control Container.
-or-
Over the road tankers and Command and Control Van.

You supply water, salt, off-the-shelf counter electrolyte.

Current build time from authorized licensed manufacturer: 6-12 months.

Includes Technology Report (1).
